



Innovation that excites

QUALITY ACTION

CAMPAIGN BULLETIN

Rear Sonar Dealer Inventory

Reference: PM837
Date: November 7, 2018

Attention: Dealer Principal, Sales, Service & Parts Managers

| Affected Models/Years: | Affected Population: | Dealer Inventory: | SERVICE COMM Activation date: | Stop Sale In Effect |
|------------------------|----------------------|-------------------|-------------------------------|---------------------|
| MY2018 Kicks (P15) | NA | 1,311 | November 7, 2018 | NO |

*******Dealer Announcement*******

Nissan is conducting a quality action to rewire the black and blue wires in the male/female connector of the T-Harness on **1,311** specific 2018 Kicks vehicles identified in Service Comm. Due to a manufacturing issue that has since been corrected, the T-Harness wires may be reversed which may cause the rear sonar accessory to be inoperable when the headlamps are on.

Affected vehicles are **not** subject to stop sale and are either currently in dealer inventory or assigned and in transit to the dealer. Nissan requests dealers to complete this repair prior to sale to ensure customer satisfaction.

*******What Dealers Should Do*******

PLEASE FOLLOW THE ATTACHED REPAIR INSTRUCTIONS:

1. Verify if vehicles are affected by this quality action using Service Comm or DBS National Service History – Open Campaigns I.D. **PM837.**
 - New vehicles in dealer inventory can also be identified using DBS (Sales-> Vehicle Inventory, and filter by Open Campaign).
 - Refer to NPSB 15-460 for additional information
 - **Please continue to check newly arriving inventory for campaign applicability.**
2. Dealers should use the attached procedure to remedy any vehicle affected by this quality action.
3. The service department should submit the applicable warranty claim for the action performed so it can be closed on Service Comm and release the vehicle.

******* Dealer Responsibility *******

It is the dealer’s responsibility to check Service Comm or DBS National Service History – Open Campaign using the appropriate campaign I.D for the inspection status on each affected vehicle currently in new vehicle inventory.

Thank you for your prompt attention to this matter.

NISSAN NORTH AMERICA, INC.
Aftersales DIVISION



PM837 – KICKS (P15) REAR SONAR

SERVICE PROCEDURE

CAUTION: Handle interior trim carefully to avoid damage. Work with clean hands and clean tools to avoid dirt and stains. Position clean suitable covering in the vehicle where work is being performed. Perform repairs in a clean working area on a soft surface, such as a fender cover, cardboard, etc.

IMPORTANT: Follow all cautions, warnings, and notes in the Electronic Service Manual (ESM) when working on or near a Supplemental Restraint System (SRS), such as an air bag.

1. Turn the ignition ON.
2. Write down the audio settings.

| Presets | 1 | 2 | 3 | 4 | 5 | 6 |
|---------|--------|---------|------|-----------------|---|---|
| AM | | | | | | |
| FM 1 | | | | | | |
| FM 2 | | | | | | |
| SAT 1 | | | | | | |
| SAT 2 | | | | | | |
| SAT 3 | | | | | | |
| Bass | Treble | Balance | Fade | Speed Sen. Vol. | | |

3. Turn OFF the ignition.
4. Disconnect the negative battery cable.
5. Wait at least three (3) minutes before continuing.

- 6. Remove the straps from the back door, and then remove the parcel shelf finisher (Figure 1).



Figure 1

- 7. Remove the two (2) driver side luggage side lower finisher clips with a suitable plastic trim tool (Figure 2).



Figure 2

- 8. Unfasten the two (2) driver side luggage side upper finisher clips (Figure 3).

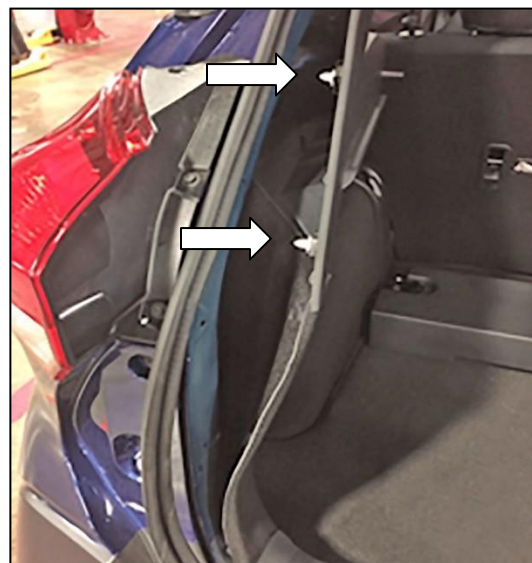


Figure 3

9. Remove the two (2) 10 mm bolts securing the driver side rear combination lamp (Figure 4).
10. Grab the combination lamp, and then carefully pull it off the vehicle body.
 - The combination lamp is fastened to the vehicle body by the 2 bolts and 2 push pins.

NOTE: The push pins are part of the combination lamp.



Figure 4

11. Disconnect the combination lamp harness connector, and then remove the combination lamp (Figure 5).

NOTE: Place combination lamp in area where it will not be scratched or damaged.



Figure 5

NOTE: To keep the orientation of the combination lamp harness connector consistent, hold it with the lock at the top.

12. Remove the retainer by inserting a suitable pick in the notched hole and carefully prying out (Figure 6).

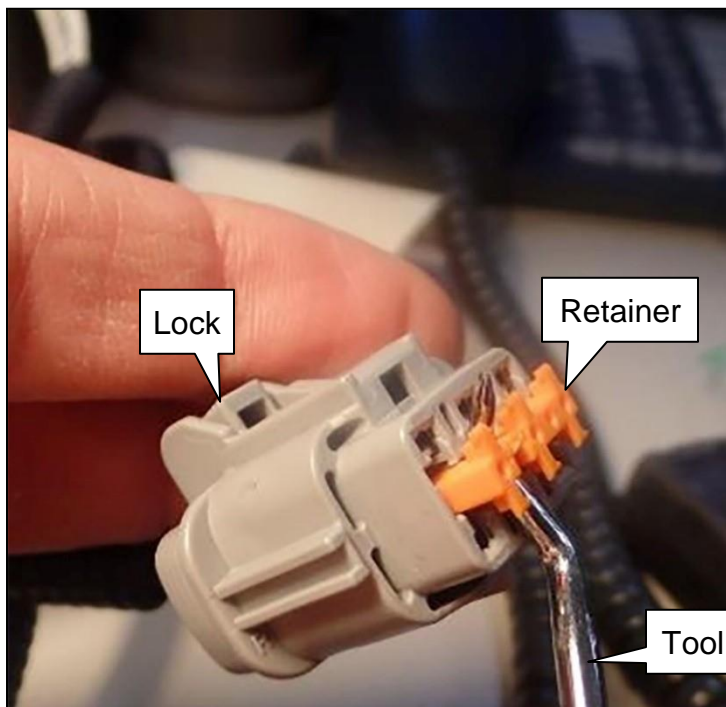


Figure 6

13. Remove the terminals of the **blue** and **black** wires from the combination lamp harness connector.
 - Using a suitable pick, pry inward on the locking tabs, and then pull out the wires from the harness side of the connector. A flashlight may help see the tabs better.
 - The right side locking tab in Figure 7 is shown in the unlocked position.

NOTE: The color of the **blue** wire in Figure 8 is enhanced for easier viewing. Normally, it is the same shade of **blue** as the other **blue** wires.

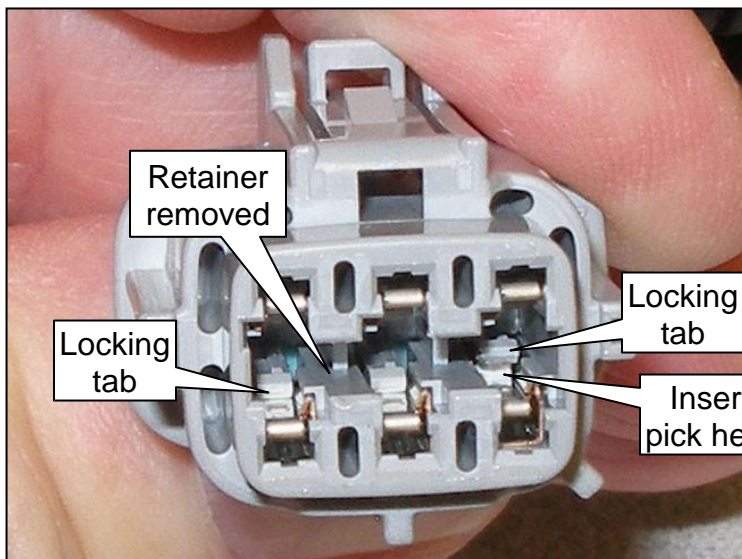


Figure 7

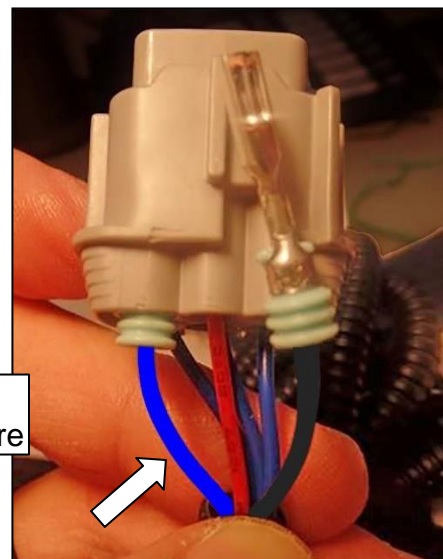


Figure 8

14. Insert the **black** wire where the **blue** wire was positioned (Figure 9, 10).

- A slight audible click is heard when the terminal locks in place. Tug on the wire to make sure the terminal is locked in.

15. Insert the **blue** wire where the **black** wire was positioned (Figure 9, 10).

- A slight audible click is heard when the terminal locks in place. Tug on the wire to make sure the terminal is locked in.

NOTE: The color of the **blue** wire in Figure 9 and Figure 10 is enhanced for easier viewing. Normally, it is the same shade of **blue** as the other **blue** wires.

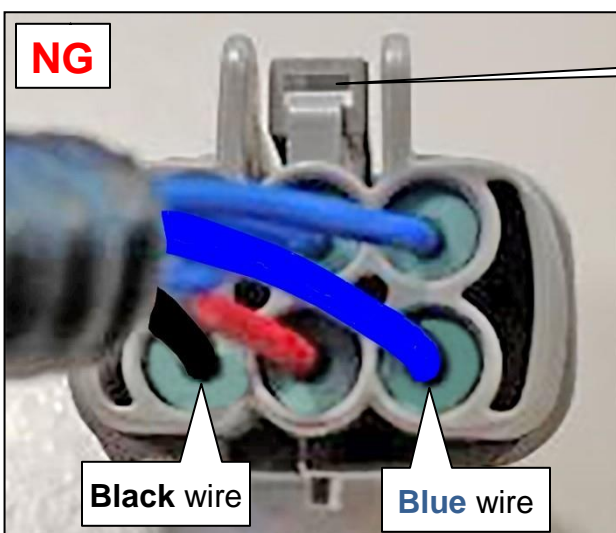


Figure 9

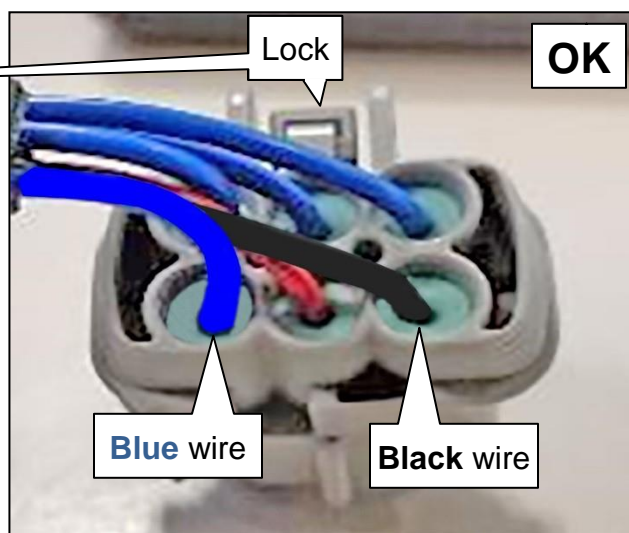


Figure 10

16. Install the retainer with a suitable pair of needle nose pliers or equivalent (Figure 11).

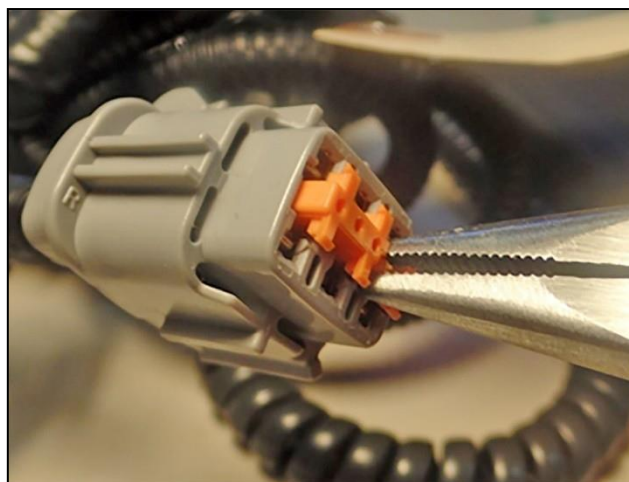


Figure 11

17. Locate the foam wrapped inside harness connector shown in Figure 12.

- This connector will be rewrapped and fastened in the same position during assembly. Remember its position.

Area in front of combination lamp

Luggage side lower finisher

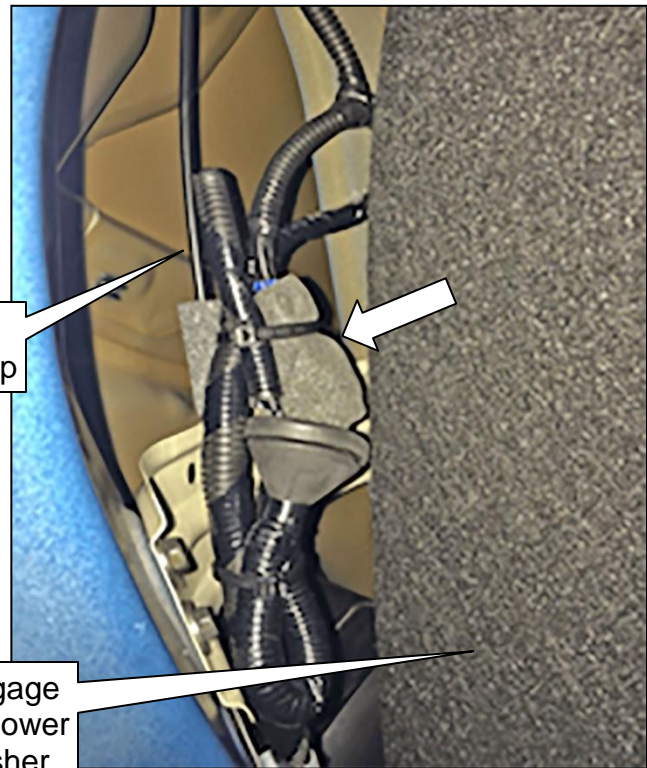


Figure 12

18. Using a suitable cutting tool, cut the “wire tie”, and then peel off the foam from the inside connector (Figure 13).

NOTE: Figure 13 shows the inside connector with foam and “wire tie” removed.

Connector

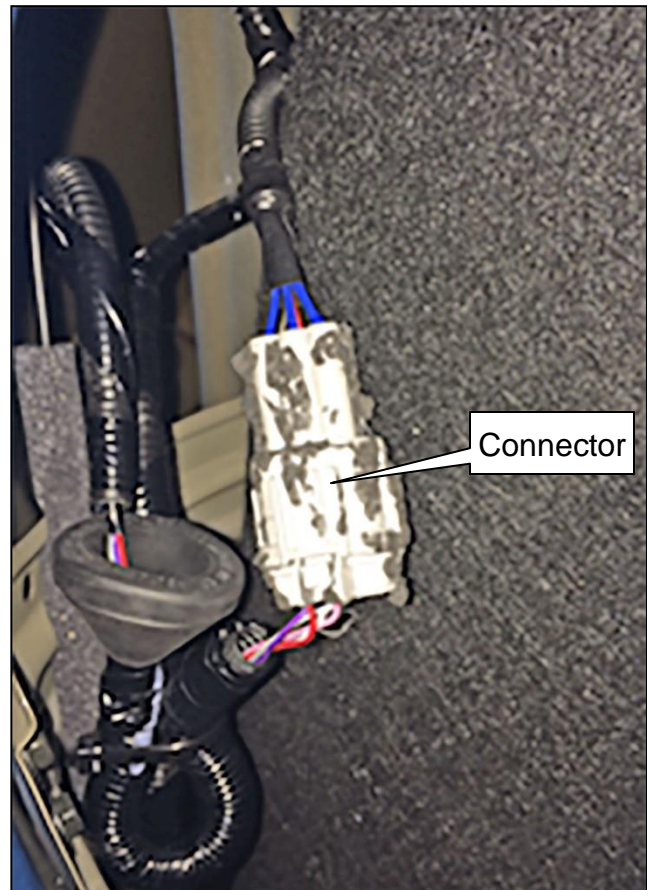


Figure 13

19. Disconnect the inside connector (Figure 14).

NOTE:

- Perform repairs to the circled connector, not the connector with the red "X" (see Figure 14).



Figure 14

- To keep the orientation of the inside connector consistent, hold it with the lock opening at the bottom (Figure 15).

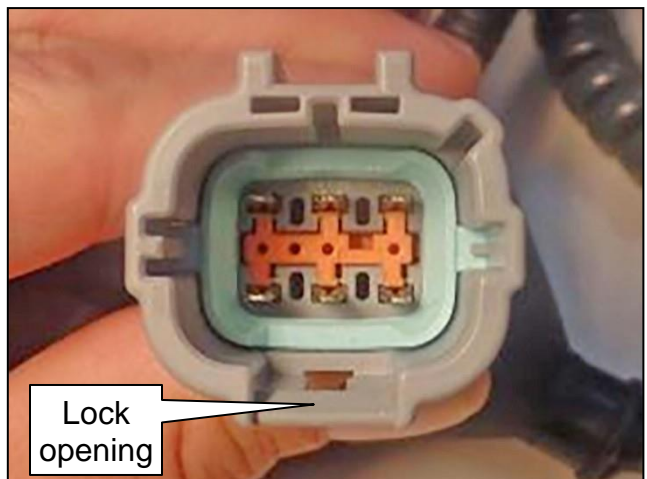


Figure 15

20. Remove the retainer by inserting a suitable pick in the notched hole and carefully prying out (Figure 16,17).

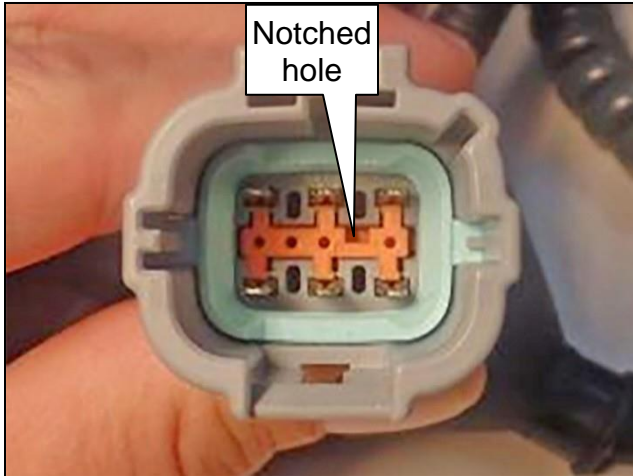


Figure 16

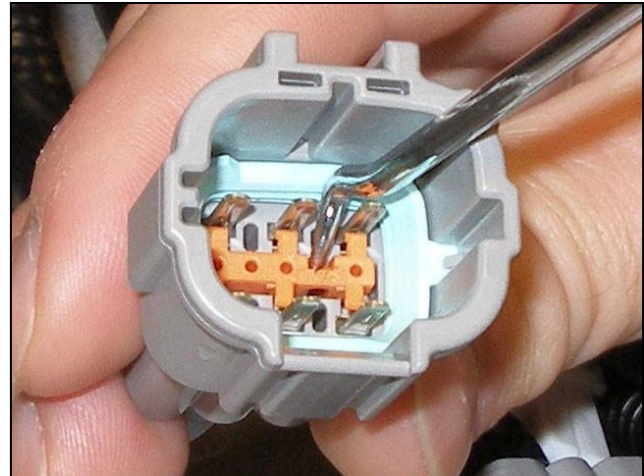


Figure 17

21. Remove both terminals of the **blue** and **black** wires from the connector.

- Using a suitable pick, pry inward on the locking tabs, and then pull out the wires from the harness side of the connector (Figure 18, 19). A flashlight may help see the tabs better.
- The right side locking tab in Figure 18 is shown in the unlocked position.

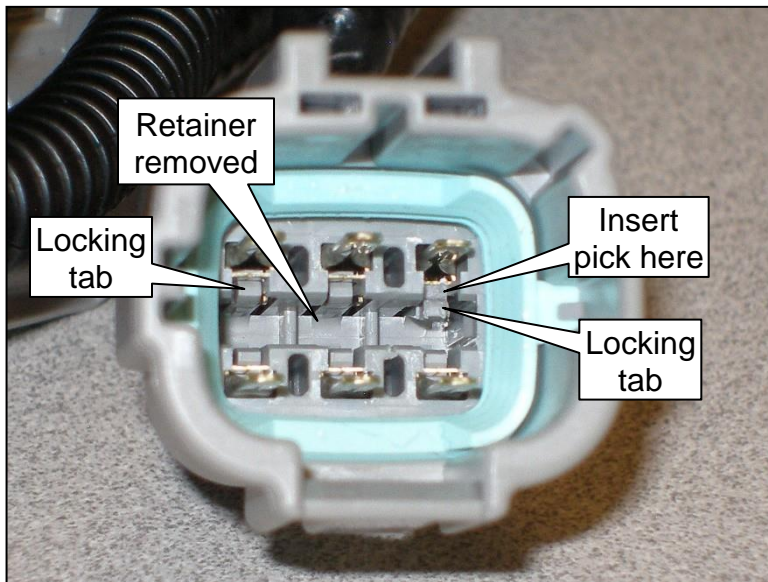


Figure 18



Figure 19

22. Insert the **black** wire where the **blue** wire was positioned (Figure 20, 21).
- A slight audible click is heard when the terminal locks in place. Tug on the wire to make sure the terminal is locked in.
23. Insert the **blue** wire where the **black** wire was positioned (Figure 20, 21).
- A slight audible click is heard when the terminal locks in place. Tug on the wire to make sure the terminal is locked in.

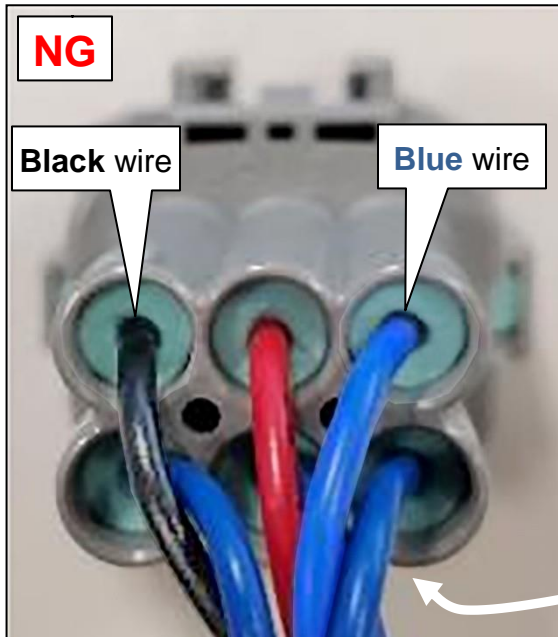


Figure 20

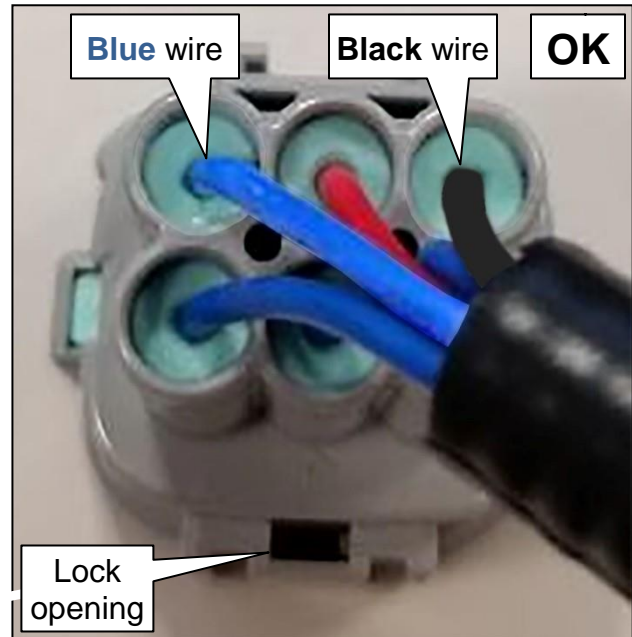


Figure 21

24. Insert the retainer using a suitable pair of needle nose pliers (Figure 22).

CAUTION: Make sure none of the pins are bent.

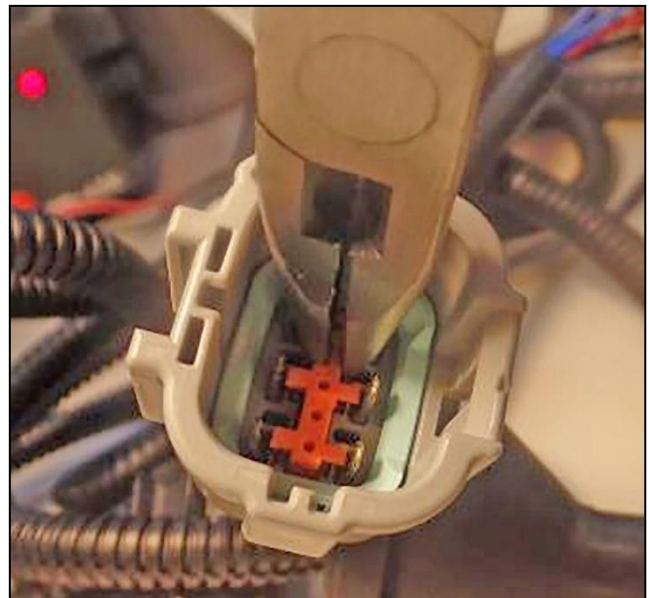


Figure 22

25. Reconnect the inside connector, connect "Connector A" to "Connector B" as shown in Figure 23.

- Ensure connector is securely locked.

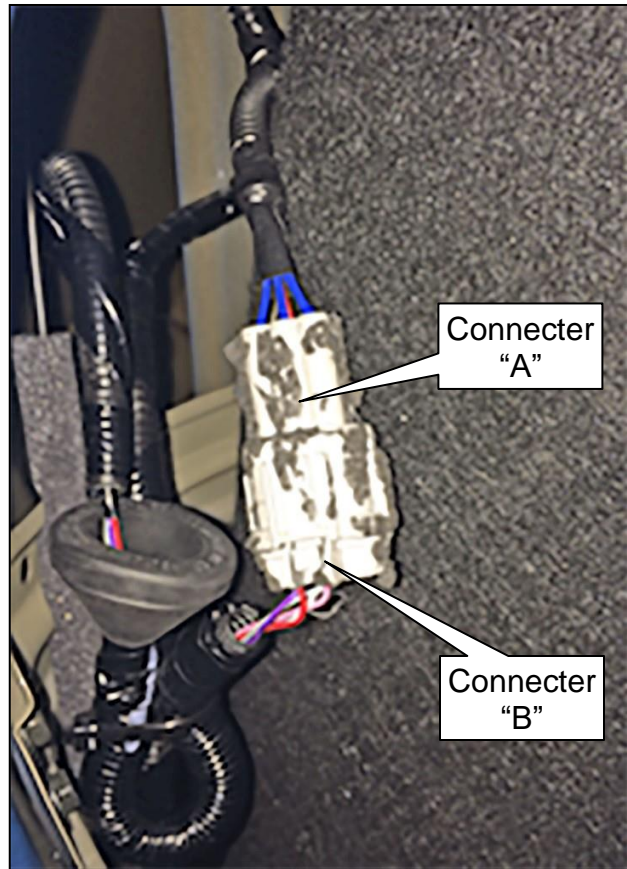


Figure 23

26. Using a new piece of Adhesive Foam (See Parts Information) wrap the (inside connector) as shown in Figure 24.

- Use a new wire tie, fasten in the same position as before disassembly (Figure 24).



Figure 24

27. Connect the combination lamp harness Connector (Figure 25), and align combination lamp push pins to install the combination lamp (Figure 26).

- Make sure an audible click is heard when connecting both connectors

NOTE: The push pins are part of the combination lamp.

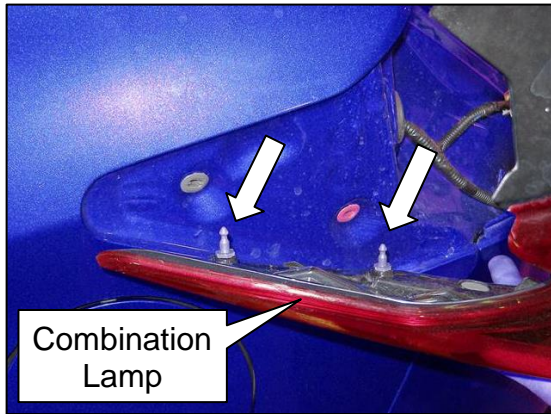


Figure 26



Figure 25

28. Install the two (2) 10mm bolts securing the drivers side combination lamp (Figure 27).

- Torque the combination lamp bolts to 4.4 Nm (0.54 kg-m, **39 in lbs**)



Figure 27

29. Align and fasten the two (2) driver side luggage side upper finisher clips (Figure 28).

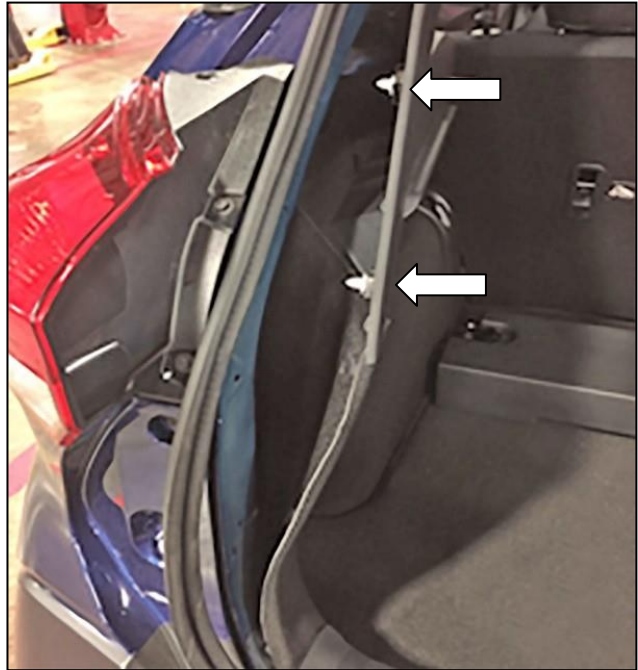


Figure 28

30. Install the two (2) driver side luggage side lower finisher clips (Figure 29).



Figure 29

31. Install the parcel shelf finisher and install the straps from the back door (Figure 30).



Figure 30

32. Reconnect the negative battery cable.
33. Operate the rear sonar system, verify it works properly with the headlamps ON and OFF.
34. Reset/reinitialize systems as needed.
- Refer to the Electronic Service Manual (ESM) for a list of systems needing reset/reinitialization.
 - ELECTRICAL POWER & CONTROL > POWER SUPPLY, GROUND & CIRCUIT ELEMENTS > BASIC INSPECTION > INSPECTION AND ADJUSTMENT – ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL
 - The list of systems often includes items such as the power window control system, automatic air conditioning, engine fuel management (Idle Air Volume Learn), etc.

PARTS INFORMATION

| DESCRIPTION | PART NUMBER | QUANTITY |
|----------------------------|-------------|---------------------------------|
| EPDM SEMI CLOSED CELL 5mm* | J-50397-1 | As needed (a) (b) |
| "Wire Tie" | - - | (b) |

(a) Adhesive Foam J-50397-1 is available in the dealer Squeak & Rattle Kit J-50397.

* Foam is recommended, but an equivalent product may be used

Additional supplies may be ordered from Tech•Mate (1-800-662-2001).

(b) Shop supply.

CLAIMS INFORMATION

Submit claim using the following claims coding:

Work Order Line Type: "CM" Campaign

Campaign: PM837

| | | | | |
|------------------------------------|-----------------|-----------------------|--------------------------------|------------------------------|
| Claim Type: | CM | | | |
| PNC: | PM837 | | | |
| Symptom: | ZZ | | | |
| Diagnosis: | 99 | | | |
| Description: | Op Codes | Flat Rate Time | Parts Required on claim | Expense Code Required |
| Perform Rear Sonar Wire Adjustment | PM8370 | 0.6 Hr | No | No |